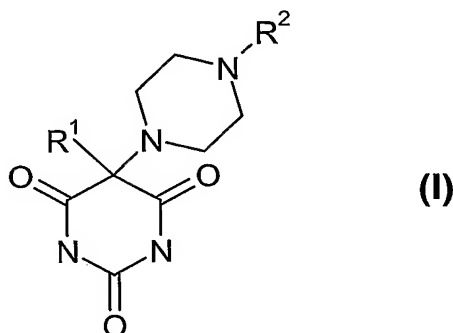


Patent Claims

1. A trioxypyrimidine-cyclodextrin complex formed of a trioxypyrimidine derivative or a salt thereof and a water-soluble cyclodextrin, wherein the trioxypyrimidine derivative is represented by formula (I):



wherein

R^1 is C_3 - C_{20} alkyl, which may optionally be interrupted once or several times by $-S-$, $-O-$ or $-NH-$; or

a group W-V, wherein

W is a chemical bond or phenyl; and

V is phenyl, phenyloxy, phenylthio, phenylsulfinyl, phenylsulfonyl or phenylamino, which phenyl moieties may be unsubstituted or substituted once or several times by halogen, hydroxy, C_1 - C_6 alkyl, C_1 - C_6 alkoxy, C_1 - C_6 -alkylthio, C_1 - C_6 alkylsulfinyl, C_1 - C_6 -alkylsulfonyl, cyano, nitro or C_1 - C_6 -alkylsulfonyl; and

R^2 is C_1 - C_{10} alkyl, which alkyl group is unsubstituted or substituted one or two times by hydroxy or amino and may optionally be interrupted once or several times by $-S-$, $-O-$ or $-NH-$;

a benzoyl group, which may be unsubstituted or substituted once or several times by halogen, hydroxy, nitro, C_1 - C_6 -alkoxy, C_1 - C_6 -alkylamino, C_1 - C_6 -alkylthio, C_1 - C_6 -alkylsulfinyl, C_1 - C_6 -alkylsulfonyl, amidosulfonyl, C_1 - C_6 -alkylamid sulfonyl, bis- C_1 - C_6 -alkylamid sulfonyl;

a heteroaromatic acyl group; or

a phenyl- or heteroaryl group, which are unsubstituted or substituted once or several times by halogen, hydroxy, C₁-C₆-alkoxy, C₁-C₆-alkylamino, C₁-C₆-dialkylamino, cyano, C₁-C₆-alkyl, C₂-C₆ alkenyl, C₂-C₆-alkinyl, C₁-C₆-acyl, C₁-C₆-alkylthio, C₁-C₆-alkylsulfonyl, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylaminocarbonyl, aminocarbonyl, C₁-C₆-alkylamidosulfonyl, amidosulfonyl, bis-C₁-C₆-alkylamidosulfonyl, nitro, C₁-C₆-alkoxycarbonyl, carboxy.

2. A trioxypyrimidine-cyclodextrin complex according to claim 1, wherein L-Lysine or L-arginine is added as adjuvant.

3. A trioxypyrimidine-cyclodextrin complex according to any one of claims 1 to 2, wherein the trioxypyrimidine derivative is

5-Biphenyl-4-yl-5-[4-(4-nitro-phenyl)-piperazin-1-yl]pyrimidine-2,4,6-trione;

5-(4-Phenoxy-phenyl)-5-(4-pyrimidin-2-yl-piperazin-1-yl)-pyrimidine-2,4,6-trione;

5-[4-(4-Chloro-phenoxy)-phenyl]-5-(4-pyrimidin-2-yl-piperazin-1-yl)-pyrimidine-2,4,6-trione ;

5-[4-(3,4-Dichloro-phenoxy)-phenyl]-5-(4-pyrimidin-2-yl-piperazin-1-yl)-pyrimidine-2,4,6-trione;

5-[4-(4-Bromo-phenoxy)-phenyl]-5-(4-pyrimidin-2-yl-piperazin-1-yl)-pyrimidine-2,4,6-trione

or a salt thereof.

4. A trioxypyrimidine-cyclodextrin complex according to any one of claims 1 to 3, wherein the water-soluble cyclodextrin is β -cyclodextrin.

5. A trioxypyrimidine-cyclodextrin complex according to any one of claims 1 to 3, wherein the water-soluble cyclodextrin is hydroxypropylated cyclodextrin.
6. A trioxypyrimidine-cyclodextrin complex according to any one of claims 1 to 3, wherein the water-soluble cyclodextrin is random methylated cyclodextrin.
- 5 7. A trioxypyrimidine-cyclodextrin complex according to any one of claims 1 to 3, wherein the water-soluble cyclodextrin is sulfobutyl- β -cyclodextrin.
8. A trioxypyrimidine-cyclodextrin complex according to any one of claims 1 to 3, wherein the water-soluble cyclodextrin is γ -cyclodextrin.
- 9 A pharmaceutical formulation containing a trioxypyrimidine-cyclodextrin
10 complex as defined in any one of claims 1 to 8.
10. A pharmaceutical formulation according to claim 9 containing a pharmaceutically acceptable additive.